

DEFENSE LOGISTICS AGENCY HEADQUARTERS 8725 JOHN J. KINGMAN ROAD, SUITE 2533

FT. BELVOIR, VIRGINIA 22060-6221

IN REPLY **REFER TO** MAR 4 2007

DLMSO

MEMORANDUM FOR: DISTRIBUTION

SUBJECT: Approved DLMS Change 55, Revision to DLMS Supplement (DS) 856S,

Shipment Status (Supply)

This change to the DoD 4000.25-M, Defense Logistics Management System (DLMS), reflects administrative and substantive changes to the DS 856S, necessary to clarify use of various data elements and segments, support conversion between DLSS/DLMS transactions, and address required functionality. A corresponding change to the Federal IC is being submitted for those changes which affect the Federal Implementation Convention. The DS will be posted to the DLMSO web site (http://www.dla.mil/j-6/dlmso/ICs/.) immediately upon coordination/approval from the DoD Logistics Functional Working Group, the DoD Electronic Data Interchange Standards Management Committee (EDISMC), and the Federal EDI Standards Management Coordinating Committee (FESMCC). Minor administrative changes to DoD 4000.25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP) are also included in this document. The DLMS/MILSTRIP changes are the result of in-depth review during the Supply Process Review Committee meeting 02-1, January 15-18, 2002. Estimated implementation date is 30 days from the date of this memorandum.

Addressees may direct questions to the DLMSO points of contact, Ms. Ellen Hilert, Co-Chair, Supply Process Review Committee, 703-767-0676, DSN 427-0676, or email: ellen hilert@hq.dla.mil or Ms. Vermella Saváge, DoD MILSTRIP System Administrator, 703-767-0674, DSN 427-0674, or e-mail: vermella savage@hq.dla.mil. Others must contact their Service or Agency designated representative (available at http://www.dla.mil/j-6/dlmso/Committees/).

AMES A. JOHNSON

Defense Logistics Management

Standards Office

Attachment

DISTRIBUTION:

Supply Process Review Committee Representatives

cc:

ADUSD(L)SCI

LMI

Approved DLMS Change 55 Revision to DLMS Supplement (DS) 856S, Shipment Status

- **1. ORIGINATOR:** Supply Process Review Committee, Ellen Hilert, Defense Logistics Management Standards Office (DLMSO), DLA J-673, 703-767-0676 (DSN 427), Email: ellen_hilert@hq.dla.mil
- 2. FUNCTIONAL AREA: Supply
- 3. REQUESTED CHANGE:
 - **a. Title:** Revision to 856S, Shipment Status
- **b. Description of Change:** This change modifies the DS to make numerous administrative and substantive changes required to support desired functionality and insure proper conversion between DLSS and DLMS shipment status transactions. Required changes to the Federal Implementation Convention are noted in Enclosure 1. Administrative corrections to MILSTRIP are provided in Enclosures 2 and 3.
- **c. Procedures:** Revise 856S IC and DS 856S as indicated in the Enclosure 1. Correct field legend for Appendix 3.19, Shipment Status, as indicated in the Enclosure 2. Correct reference source for Appendix 3.20, Pseudo Shipment Status for Unconfirmed Materiel Release Orders, as indicated in the Enclosure 3. **Bold italics** highlight revisions.
 - **d.** Alternatives: None identified.
- **4. REASON FOR CHANGE:** Identified changes are necessary for clarification/correction as specified in Enclosure 1.

5. ADVANTAGES AND DISADVANTAGES:

- **a.** Advantages: Supports DLMS implementation and provides most current information.
- **b. Disadvantages:** None identified.

6. IMPACT:

a. **Publications.** Corresponding Federal IC, DLMS, MILSTRIP, Component implementing guidance.

Enclosures

		856S DLMS Supplement		
#	LOCATION	REVISION	RATIONALE	FEDERAL IC
1	DLMS note 1 at transaction set level (page 1)	1. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, <i>Transportation Mode of Shipment Conversion Table</i> , and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at http://www.dla.mil/j-6/dlmso.	Corrects oversight.	No change.
2	DLMS note 2 at transaction set level (page 1)	e. This revision to the DLMS Supplement incorporates Approved DLMS Change (ADC) 55. ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/Changes.	Clarification.	No change.
3	2/HL/10	Insert segment level DLMS note as follows: The HL Address loop provides address information relating to the originator of this transaction. All other relevant address information is carried in the Transaction Shipment Status loop.	Clarification.	No change.
4	2LIN02/20	Revised data element level DLMS Note: Use one of codes A1, A2, A4, FB, FS, FT, MG, YP <i>or ZZ</i> to identify the material shipped. Must use National Stock Number (NSN) when known, except, when appropriate, brand name subsistence items are identified by the subsistence identification number.	Standard DLMS enhancement supports conversion and legacy system functionality.	Requires IC revision prior to DS update.
	2/LIN04/20	Add new qualifier and note: ZZ Mutually Defined DLMS Note: 1. Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code. 2. DLMS enhancement.		

5	2/SN102/30	Add new DLMS note: 3. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. See introductory DLMS note 2d.	Cautionary note for DLSS/DLMS transition.	No change.
6	2/REF/150	Add standard DLMS enhancement note to REF 03 and REF01/04 qualifiers listed below: 2. DLMS enhancement; see introductory DLMS note 3a. 2I Tracking Number BT Batch Number LT Lot Number SE Serial Number 08 Carrier Assigned Package Identification Number 10 Account Managers Code AT Appropriation Number AW Air Waybill Number BL Government Bill of Lading BM Bill of Lading Number CT Contract Number 1Z Insured Parcel Post Number K1 Foreign Military Sales Notice Number K2 Certified Mail Number K3 Registered Mail Number W3 Manufacturing Directive Number WY Waybill Number ZH Carrier Assigned Reference Number OQ Order Number	Clarification.	No change.
7	2/REF01/150	Revise DLMS note as follows: TG Transportation Control Number (TCN) DLMS Note: Must Use in every 2/HL/010 transaction reference number loop to identify the shipment unit TCN. 2. DLMS enhancement for shipments to disposal; see introductory DLMS note 2a.	Correction. DLMS concept was intended to include TCN on all shipment status transactions. However legacy system-generated status for shipments to disposal do not contain the TCN; therefore, DLMS transactions resulting from conversion must allow for lack of TCN.	No change
8	2/REF01/150	Add DLMS note 2 to Qualifier FG Fund Identification Number: 2. When identifying a Fund Code using REF04, identification of the fund purpose code is required to meet syntax rules and structured format designed to support future enhancement of appropriation/funding data.	Clarification.	No change.

9	2/REF01/150	Revise DLMS note as follows:	Clarification.	No change.
	_, _, _, _, _, _, _,	TN Transaction Reference Number		
		DLMS Note: Must use in every 2/HL/010		
		transaction reference number loop to identify the		
		customer assigned transaction document number		
		associated with the shipment unit. Use REF04 to		
		identify the associated suffix code if applicable.		
10	2/REF01/150	Add new qualifier and associated notes:	Supports conversion for	Addition of
		PA Price Area Number	legacy system shipments to	new code.
		DLMS Note: 1. Use for shipments to disposal to	disposal (AS3	DS update
		indicate actual or estimated pricing information.	w/distribution code 9)	may precede
		2. A field size exceeding 7 positions may not be	which require inclusion of	Federal IC
		received or understood by the recipient's	pricing data	revision.
		automated processing system. See introductory		
		DLMS note 2d.		
11	2/REF01/150	Add new qualifier and associated note:	Correction. Use of specific	Add new
		TT Terminal Code	qualifiers for the POE	code. IC
		DLMS Note: Use only during DLSS-to-DLMS	under DLMS does not	revision not
		conversion processing to identify the point of	support conversion	required prior to DS update.
		embarkation for OCONUS shipments moving	processing which cannot distinguish between the	to DS update.
		through the DTS, GBL/CBL, parcel post (except	three-position codes for air	
		APO/FPO); and small package carrier shipments	and water terminal (air	
		entering the DTS at the POE. During the	terminal codes are always 3	
		transition period, transactions originating as	alpha characters, water	
		DLSS DI Code AS_, Shipment Status, will carry	terminals may be all alpha	
		the POE in this field due to the translator's	or alphanumeric.	
		inability to distinguish among code types. Refer		
		to 2/LQ01/350 qualifiers 36, Air Terminal		
		Identifier Code, 37, Water Terminal Identifier,		
		and 38, Consolidation and Containerization Point		
		Code, for DLMS input.		
12	2/DTM01/200	Revise DLMS notes as follow:	Clarification.	No change.
		011 Shipped		
		DLMS Note: Use to identify the material		
		shipment date, regardless of shipment method.		
		(Note: For pseudo shipment status transactions,		
		the date generated is assigned as the shipped		
		date.)		
		514 Transferred		
		DLMS Note: 1. Use to identify the material		
		transfer date to the carrier if a delay occurs prior		
		to actual shipment.		
		2. DLMS enhancement; see introductory		
		DLMS note 2a.		

13	2/N101/220	Insert standard DLMS enhancement note for the list of qualifiers identified below: 2. DLMS enhancement; see introductory DLMS note 2. 77 Service Location CA Carrier ZZ Mutually Defined	Clarification.	No change.
14	2/N101/220	Revise DLMS note as follows: GP Gateway Provider DLMS Note: 1. Future streamlined data needed Use for transition period to support transaction conversion in a mixed DLSS/DLMS environment. Use to identify DAASC as originator during conversion when the DLSS transaction does not contain a "From" organization (i.e. blank RIC on AS_). Use to identify DAASC as the "To" organization for Component-generated shipment status forwarded for DAAS distribution to status recipients under MILSTRIP/DLMS distribution rules (DLMS equivalent of AS8). 2. DLMS enhancement required for compliance with design/syntax. (DAASC RIC not converted for use on DLSS transactions.)	Clarification; support conversion processing during transition period.	No change.
15	2/N101/220	Revise DLMS note as follows: SB Storage Area DLMS Note: Use as needed to identify the initial shipping activity. 2. For shipment status other than those resulting from conversion from the DLSS ASY this is DLMS enhancement; see introductory DLMS note 2a.	Clarification.	No change.
16	2/N101/220	Revise DLMS note as follows: ST Ship To DLMS Note: Use to identify the organization to receive the material. For disposal shipments use to identify the DRMO. 2. For other than shipments to disposal, this is a DLMS enhancement; see introductory DLMS note 2a.	Clarification. Note: Identification of ship-to organization for legacy system transaction is based upon the presence of the signal code which is not provided on the DLSS AS_, except the AS6.	No change.

17	2/N101/220	71 Douty to Doggive Status	Compation/alomification	No change.
1/	2/1 11 01/220	Z1 Party to Receive Status DLMS Note: 1. Use to indicate the organization	Correction/clarification. Note: Revision	140 change.
		9		
		to receive shipment status.	simplifies use by eliminating inclusion of	
		2. For shipment status forwarded for DAAS	=	
		distribution to status recipients under	status recipients that are	
		MILSTRIP/DLMS distribution rules (AS8), the	understood under current	
		recipients will be identified on the DAAS-	distribution rules.	
		generated transactions and will not appear on	Provides better support	
		the original transaction.	for conversion process.	
		3. As a DLMS enhancement, may be used to		
		identify recipients other than the prescribed		
		status recipients under DLMS/MILSTRIP		
		distribution rules. Use multiple iterations of the		
		2/N1/220 loop to identify shipment status		
		recipients, as needed. See introductory DLMS note 2a.		
18	2/N101/220		Clarification	No change.
10	2/11101/220	RL Reporting Location	Clarification.	No change.
		DLMS Note: 1. Use for LRO shipment status to		
		identify the organization responsible for release of the retail assets.		
		2. DLMS enhancement; see introductory DLMS		
		note 2a. For conversion processing this will be		
		understood to be the originating activity as		
19	2/N101/220	identified by the document number DoDAAC.	Clarification. Note:	No change.
17	2/11101/220	Z4 Owning Inventory Control Point DI MS Notes - Use to identify the symply source		No change.
		DLMS Note: Use to identify the supply source	DLSS AS_ shipment	
		or applicable ICP/IMM. This is the recipient for	status requires inclusion	
		LRO Shipment Status.	of the supply source but does not include the	
		Note: The ICP is understood to be the "from"		
		activity for shipment status transactions	shipping depot preparing	
		prepared by the shipping depot.	the status (except ASY).	
			For DLMS the "from"	
			organization must be	
			construed as the supply	
			source. Under full	
			DLMS this concept may	
			be modified.	

20	2/N102/220	Open data element and add associated note: Name DLMS Note: 1. Use with N101 code DA to identify the exception ship-to organization. Also use 2/N2/190 if additional information is required.	DLMS enhancement. Will support DLMS functionality to identify clear-text exception ship- to addresses within transactions. Perpetuates of clear-text exception ship-to from requisition/materiel release.	Requires IC revision prior to DS update.
21	2/N106/220	Revise notes as follows: FR Message From DLMS Note: For LRO shipment status, use with 2/N1/220 code RL, otherwise use with code Z4 (or GP when originator not known) to indicate the organization cited in N104 is originating the transaction. TO Message To Federal Note: DLMS Note: Must use with 2/N1/220 code ST GP (for DAASC) or Z1 to indicate the organization cited in N104 is receiving the transaction.	Correction.	Requires IC revision to make Federal note into a DLMS note prior to DS update.
22	2/N1/220	Open full N1 loop (N2/N3/N4) and add associated notes. N2/N3/N4: Federal Note: Use to identify additional name information as authorized DLMS Note: 1. Use with 2/N101/180 code DA to identify additional in-the-clear exception ship-to name information. 2. DLMS enhancement; see introductory DLMS note 2a. N404 Country Code DLMS Note: Use codes from DE 1270 code 85.	DLMS enhancement. Will support DLMS functionality to identify clear-text exception ship- to addresses within transactions. Perpetuates of clear-text exception ship-to from requisition/materiel release.	Requires IC revision prior to DS update.

23	2/LQ01/350	Insert standard DLMS enhancement note for the	Clarification.	No change.
		list of qualifiers identified below:		
		2. DLMS enhancement; see introductory DLMS		
		note 2.		
		67 Type of Assistance Code		
		85 Country and Activity Code		
		89 Cooperative Logistics Program Support		
		Code		
		92 Reason for Disposal Code		
		93 Type of Storage Code		
		95 Offer and Release Option Code		
		A2 Customer Within Country Code		
		A3 Delivery Term Code		
		A6 Freight Forwarder Number		
		A7 Record Control Number		
		A8 Program Year Code		
24	2/LQ01/350	Add DLMS notes as follow:	Clarification	No change.
		0 Document Identification Code		
		DLMS Note: 1. The DLSS DI Code is retained		
		in the DLMS to facilitate transaction conversion		
		in a mixed DLSS/DLMS environment.		
		Continued support of the DI Code in a full		
		DLMS environment will be assessed at a future		
		date.		
		2. Future streamlined data; see DLMS		
		introductory note 2c.		
25	2/LQ01/350	Revise DLMS note as follows:	Clarification.	No change.
		81 Status Code		
		DLMS Note: Use to identify additional status		
		information related to the shipment unit.		
		2. For shipment status other than those		
		resulting from conversion from the DLSS ASY		
		this is DLMS enhancement; see introductory		
		DLMS note 2a.		

26	2/LQ01/350	Add/revise the following DLMS note to the	Clarification. Original	No change.
		listed qualifiers:	intended use of specific	
		36 Air Terminal Identifier Code	qualifiers for the POE	
		Revise DLMS Note: 1. Use to identify port of	under DLMS does not	
		embarkation (POE) air terminal identifier codes	support conversion	
		for Outside Continental United States (OCONUS)	processing which cannot	
		shipments made via Defense Transportation	distinguish between the three-position codes for air	
		System (DTS) air modes.	and water terminal (air	
		2. This DLMS enhancement may be used	terminal codes are always 3	
		during initial implementation.	alpha characters, water	
		3. During the DLSS/DLMS transition period,	terminals may be all alpha	
		transactions originating as DLSS DI Code AS_,	or alphanumeric.	
		Shipment Status, will carry this information in		
		REF01, qualifier TT, Terminal Code, due to the		
		translator's inability to distinguish among code		
		types).		
		37 Water Terminal Identifier Code		
		Revise DLMS Note: 1. Use to identify port of		
		embarkation (POE) water terminal identifier		
		code for OCONUS shipments made via DTS		
		water modes.		
		2. This DLMS enhancement may be used during		
		initial implementation.		
		3. During the DLSS/DLMS transition period,		
		transactions originating as DLSS DI Code AS_,		
		Shipment Status, will carry this information in		
		REF01, qualifier TT, Terminal Code, due to the		
		translator's inability to distinguish among code		
		types.		
		28 Consolidation and Containswigstion Point		
		38 Consolidation and Containerization Point		
		Code Add DLMS Note: 1. This DLMS enhancement		
		may be used during initial implementation when used to identify the SEVAN CCP code for		
		OCONUS shipments made via DTS.		
		2. During the DLSS/DLMS transition period,		
		transactions originating as DLSS AS_, Shipment		
		Status, will carry this information in REF01,		
		qualifier TT, Terminal Code, due to the		
		translator's inability to distinguish among code		
		types.		

27	2/LQ01/350	Add DLMS note as follows:	Clarification.	No change.
		AK Distribution Code		
		DLMS Note: Future streamlined data; see		
		DLMS introductory note 2c.		
28	2/LQ01/350	Add qualifier and associated notes:	DLMS enhancement.	Requires IC
		94 Identification Code		revision prior
		DLMS Note: Use in FMS transactions to		to DS update.
		identify the customer country's requisitioning		
		Service Code: B, D, K, P, or T. This is the SA		
		program Customer Service Designator (codes		
		derived from Qualifier 71, Service and Agency		
		Code). A DM has been submitted to create a		
		new qualifier for this data element.		
		2. DLMS enhancement; see DLMS introductory		
		note 2a.		
29	2/LQ01/350	Revise DLMS notes for Navy unique codes to	Clerical error – this	No change.
		delete sentence which reads "Indicate NSL for	reference is only	
		non-stock numbered listed items."	applicable to the	
		IMC Item Management Code	Qualifier COG	
		MCC Material Control Code	Cognizance Symbol.	
		SMI Special Material Identification Code		
30	2/LQ01/350	Revise DLMS note:	Clarification.	No change.
		DE Signal Code		
		DLMS Note: Use to accommodate legacy		
		system requirements. Use <i>only</i> in LRO shipment		
		status to indicate the activity to receive credit <i>and</i>		
		pseudo shipment status to perpetuate the signal		
		code from the material release order.		

AP3.20 APPENDIX 3.20

SHIPMENT STATUS

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3	Enter the code applicable to the shipment status (DI AS1-6, AS8, or ASY) or reply to cancellation request-shipment status (AU1-5, AU7, or AU8)1.
Routing Identifier	4-6	Enter the RI of the supply source which generated the LRO/MRO/cancellation request/DRO/DI FTR or the shipping activity if the shipment was not initiated by a supply source LRO/MRO cancellation request/DRO/DI FTR. If a disposal shipment was not initiated by a supply source DRO/DI FTR and the shipping activity has no RI, leave blank. If used as a DI AS6, indicate the RI of the ICP/IMM to which the transaction will be sent.
Media and Status	7	Use the M&S from the MRO/LRO/DRO or cancellation request.
Stock or Part Number	8-22	Enter the NSN or part number of the item supplied.
Unit of Issue	23-24	Enter the U/I.
Quantity	25-29	a. Enter the quantity shipped. b. For ammunition FSG 13 items only, enter an "M" in rp 29 to express in thousands any quantity exceeding 99,999. Example: Express a quantity of 1,950,000 as 1950M (1950 in rp 25-28 and an "M" in rp 29).
Document Number	30-43	Use the document number from the MRO/LRO/DRO or cancellation request.

¹ Procedures requesting and/or providing the DoDAAC of the initial shipping activity last reported as not implemented by DLA (Subsistence) and GSA. Refer to AMCL 5.

AP3.19-1

DECODD	202 1000.20 1
POSITION(S)	ENTRY AND INSTRUCTIONS
44	Use suffix from the MRO/LRO/DRO or cancellation request. If no code, leave blank.
45-50	Use SUPADD from the MRO/DRO or cancellation request. The shipping activity will enter the DoDAAC of the predesignated DRMO for shipments to DRMOs. If used as a DI AS6, enter the DoDAAC of the activity to which the credit for the materiel and reimbursement for the PCH&T costs is to be provided.
51	If used as a DI AS6, enter Signal Code B. Otherwise, enter the shipment hold code, when applicable.
52-53	Enter fund as shown in the MRO/DRO or cancellation request. If used as a DI AS6, enter the fund code to which the credit for the materiel and reimbursement for the PCH&T costs is to be provided.
54-56	Enter the distribution as shown in the MRO/LRO/DRO or cancellation request.
57-59	Enter the date the materiel is released to the carrier.
60-76	Enter the shipment unit TCN as prescribed in DoD 4500.9-R.
77	Enter the code identifying the mode of shipment. (See <i>DoD 4500.9-R</i> .) (Leave blank when transmitting DI AS3 through DAAS to DRMS.)
	44 45-50 51 52-53 54-56 57-59 60-76

	RECORD			
FIELD LEGEND	POSITION(S)	ENTRY AND INSTRUCTIONS		
Port of Embarkation	78-80	a. CONUS. Leave blank.		
		b. OCONUS:		
		(1) For shipments moving to OCONUS designations through the DTS, GBL/CBL, parcel post (except APO/FPO); and small package carrier shipments entering the DTS at the POE, enter the POE or SEAVAN CCP. See <i>DoD 4500.9-R, Part II, Appendices DD-4, DD-14, and EE-2</i> .		
		(2) Leave blank for parcel post movement through an APO or FPO.		
		(3) Enter the POE for SAP transactions moving through the DTS; otherwise, leave blank.		
ENTRIES REQUIRED FOR DoDAAC INFORMATION – DI ASY TRANSACTIONS2				
Blank	57-64	Leave blank.		
Status Code	65-66	Enter Status Code DY if the DI AFY followup transaction is being rejected; otherwise, leave blank.		
Blank	67-74	Leave blank.		
DoDAAC of Initial Transportation Activity	75-80	Enter the DoDAAC of the initial (origin) transportation shipping activity. If the DI AFY followup transaction is being rejected with Status Code DY, leave blank.		
ENTRIES REQUIRED FOR S	HIPMENTS TO	DISPOSAL		
Unit Price	62-68	Enter the unit price of the item identified in rp 8-22. Enter an estimated unit price if pricing information is not available. If the value for a part-numbered item exceeds the seven-position unit price field, enter the price manually on the DI AS3 shipment status transaction and forward off-line to the DRMS for manual processing.		
Blank	69-76	Leave blank.		

2 See Footnote 1.

AP3.20 APPENDIX 3.20

PSEUDO SHIPMENT STATUS FOR UNCONFIRMED MATERIEL RELEASE ORDERS

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3	Enter DI ASH.
Routing Identifier	4-6	Enter the RI of the supply source generating this transaction. ¹
Media and Status	7	Enter the M&S from the MRO.
Stock or Part Number	8-22	Enter the stock or part <i>number</i> from the MRO.
Unit of Issue	23-24	Enter the U/I from the MRO.
Quantity	25-29	Enter the quantity from the MRO.
Document Number	30-43	Enter the document number as shown in the MRO.
Suffix	44	Enter the code contained in rp 44 of the MRO. If the MRO rp 44 is blank, leave blank.
Supplementary	45-50	Enter the SUPADD as shown in the Address MRO.
Signal	51	Enter the signal code from the MRO.
Fund	52-53	Enter the code as shown in the MRO.
Distribution	54-56	Enter the data as shown in the MRO.
Date Shipped	57-59	Enter the date this transaction was generated.
Blank	60-66	Leave blank.
Routing Identifier (From)	67-69	Enter the RI of the supply source generating this transaction.
Blank	70-80	Leave blank.

¹The DAAS will overlay transactions containing the DAAS RI (SGA) to show the RI (From) in rp 67-69. (NOTE: This allows DAAS to overlay original entries of the DAAS RI so that Component systems may be modified over time.)